



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Acting Secretary

November 9, 2009

Division of Water
Water Quality Certification Section
ATTN: Jesse Robinson
200 Fair Oaks
Frankfort, KY 40601

SUBJECT: Water Quality Certification #2008-0062-1 Amendment Request
AI No.:96805, Activity ID: APE2007001
Mason County Item No. 09-0124.01
US-68 Relocation

Dear Mr. Robinson:

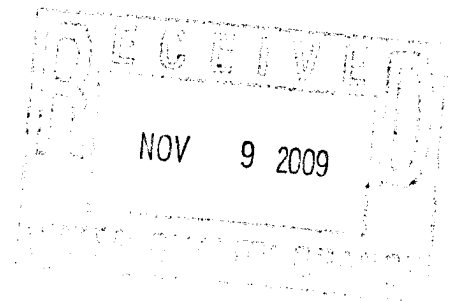
Submitted is a request for a Water Quality Certification amendment. The subject project has been redesigned under the KYTC's practical solutions initiative. As result, previously permitted stream and wetland impacts have been revised. The payment of an in-lieu fee to the Kentucky Department of Fish & Wildlife is proposed for mitigation due to limited opportunities for on-site mitigation.

Enclosed are revised drawings, a narrative summary of impacts and a summary of impacts table. If you have any questions or need additional information, please contact me at (502) 564-7250 or by email at ronb.rigneyii@ky.gov.

Sincerely,

A handwritten signature in black ink that reads "Ronald B. Rigney, II".

Ronald B. Rigney, II
Division of Environmental Analysis
Kentucky Transportation Cabinet



An Equal Opportunity Employer M/F/D

**ATTACHMENT
BLOCK 22**

SUMMARY OF 404 IMPACTS

**Mason County
US-68 Relocation
Item Number 9-124.01**

Culvert Impacts by Proposed US-68 Realignment

Site No.	Description
1.	Station 151+47 E18 - Construct a 30" pipe 92 feet in length. This site will impact 289 feet of UT to Wells Creek. Field investigations indicate this stream is ephemeral in nature with a watershed of 10.5 acres . The impact to waters is 0.040 acres . The length of the inlet headwall is 12 feet. The length of the outlet headwall is 5 feet. In addition, 95 feet of flat bottom channel construction is associated with this culvert impact. (Nationwide Permit No. 14).
2.	Station 549+25 I3 - Construct a 54" pipe 213 feet in length. This site will impact 126 feet of UT to Wells Creek. Field investigations indicate this stream is intermittent in nature with a watershed of 41.3 acres . The impact to waters is 0.010 acres . The length of the inlet headwall is 7 feet. The length of the outlet headwall is 6 feet. In addition, 68 feet of flat bottom channel construction is associated with this culvert impact. (Nationwide Permit No. 14).
3.	Station 589+00 I5a & b - Construct a 42" pipe 321 feet in length. This site will impact 430 and 306 feet of UT to Lawrence Creek (Not including existing culvert). Field investigations indicate these streams are intermittent in nature with watersheds of 71.3 and 77.4 acres , respectively. The impact to waters is 0.034 acres , collectively. The length of the inlet headwall is 5 feet. The length of the outlet headwall is 5 feet. In addition, 48 feet of flat bottom channel construction is associated with this culvert impact. (Nationwide Permit No. 14).
4.	Station 646+20 I6 - Construct a 60" pipe 363 feet in length. This site will impact 468 feet of UT to Clarks Run Creek. Field investigations indicate this stream is intermittent in nature with a watershed of 125.4 acres . The impact to waters is 0.032 acres . The length of the inlet headwall is 10 feet. The length of the outlet headwall is 10 feet. In addition, 33 feet of flat bottom channel construction is associated with this culvert impact. (Nationwide Permit No. 14).
5.	Station 684+40 P4 - Construct a 16' x 6' box culvert 323 feet in length. This site will impact 880 feet of UT to Lawrence Creek. Field investigations indicate this stream is perennial in nature with a watershed of 647.9 acres . The impact to waters is 0.152 acres . The length of the inlet headwall is 6 feet. The length of the outlet headwall is 6 feet. In addition, 154 feet of flat bottom channel construction is associated with this culvert impact. (Individual Permit).
6.	Station 701+47 I8a & b - Construct a 72" pipe 134 feet in length. This site will impact 59 and 90 feet of UT to Lawrence Creek (Not including existing culvert). Field investigations indicate these streams are intermittent in nature with watersheds of 97.5 and 116.7 acres , respectively. The impact to waters is 0.010 acres , collectively. The length of the inlet headwall is 12 feet. The length of the outlet headwall is 12 feet. In addition, 95 feet of flat bottom channel construction is associated with this culvert impact. (Individual Permit).

Impacts by Proposed Roadway Fill / Channel Change

7. Station 515+75 to 523+10 P1 - This site will impact **861 feet** of UT to Wells Creek. Field investigations indicate this stream is **perennial** in nature with a watershed of **326.1 acres**. The impact to waters is **0.119 acres**. In addition, 213 feet of 84" pipe and 635 feet of flat bottom channel construction are associated with this impact. The length of the inlet headwall is 12 feet. The length of the outlet headwall is 12 feet. **(Individual Permit)**.
8. Station 546+20 to 549+75 P1 - This site will impact **413 feet** of UT to Wells Creek. Field investigations indicate this stream is **perennial** in nature with a watershed of **92.5 acres**. The impact to waters is **0.047 acres**. In addition, 100 feet of flat bottom channel construction are associated with this impact. **(Nationwide Permit No. 14)**.
9. Station 549+75 to 561+00 I4 - This site will impact **1,275 feet** of UT to Wells Creek. Field investigations indicate this stream is **intermittent** in nature with a watershed of **38.8 acres**. The impact to waters is **0.117 acres**. In addition, 165 feet of 36" pipe and 1125 feet of flat bottom channel construction are associated with this impact. The length of the inlet headwall is 15 feet. The length of the outlet headwall is 15 feet. **(Individual Permit)**.
10. Station 561+00 to 563+31 E7 - This site will impact **210 feet** of UT to Wells Creek. Field investigations indicate this stream is **ephemeral** in nature with a watershed of **12.4 acres**. The impact to waters is **0.007 acres**. In addition, 180 feet of flat bottom channel construction are associated with this impact. **(Nationwide Permit No. 14)**.
11. Station 631+68 to 632+72 P2/P3 - This site will impact **155 feet** of Clarks Run Creek. Field investigations indicate this stream is **perennial** in nature with a watershed of **491.8 acres**. The impact to waters is **0.021 acres**. **(Nationwide Permit No. 14)**.
12. Station 681+04 to 681+90 E14 - This site will impact **126 feet** of UT to Lawrence Creek. Field investigations indicate this stream is **ephemeral** in nature with a watershed of **20.4 acres**. The impact to waters is **0.012 acres**. **(Nationwide Permit No. 14)**.
13. Station 681+22 to 683+80 I7 - This site will impact **343 feet** of UT to Lawrence Creek. Field investigations indicate this stream is **intermittent** in nature with a watershed of **112.2 acres**. The impact to waters is **0.039 acres**. In addition, 320 feet of flat bottom channel construction are associated with this impact. **(Nationwide Permit No. 14)**.
14. Pond 10 - Construct a controlled fill over **0.422 acres** of jurisdictional pond near Station 679+00. This pond is associated with the ephemeral stream impact for Station 681+04 to 681+90 E14. This impacts **262 feet** of UT to Lawrence Creek. Field investigations indicate this stream is **ephemeral** in nature with a watershed of **20.1 acres**. The impact to waters is **0.024 acres** **(Nationwide Permit No. 14)**.

Impacts to Wetlands

15. Wetland 1 - Construct a controlled fill over **0.087 acres** of jurisdictional wetlands near Station 632+94. This wetland is associated with the perennial stream impact for Station 631+68 to 632+72 P2/P3. Mitigation for this wetland will be compensated for with the KYTC wetland bank associated with the Ohio River Basin.

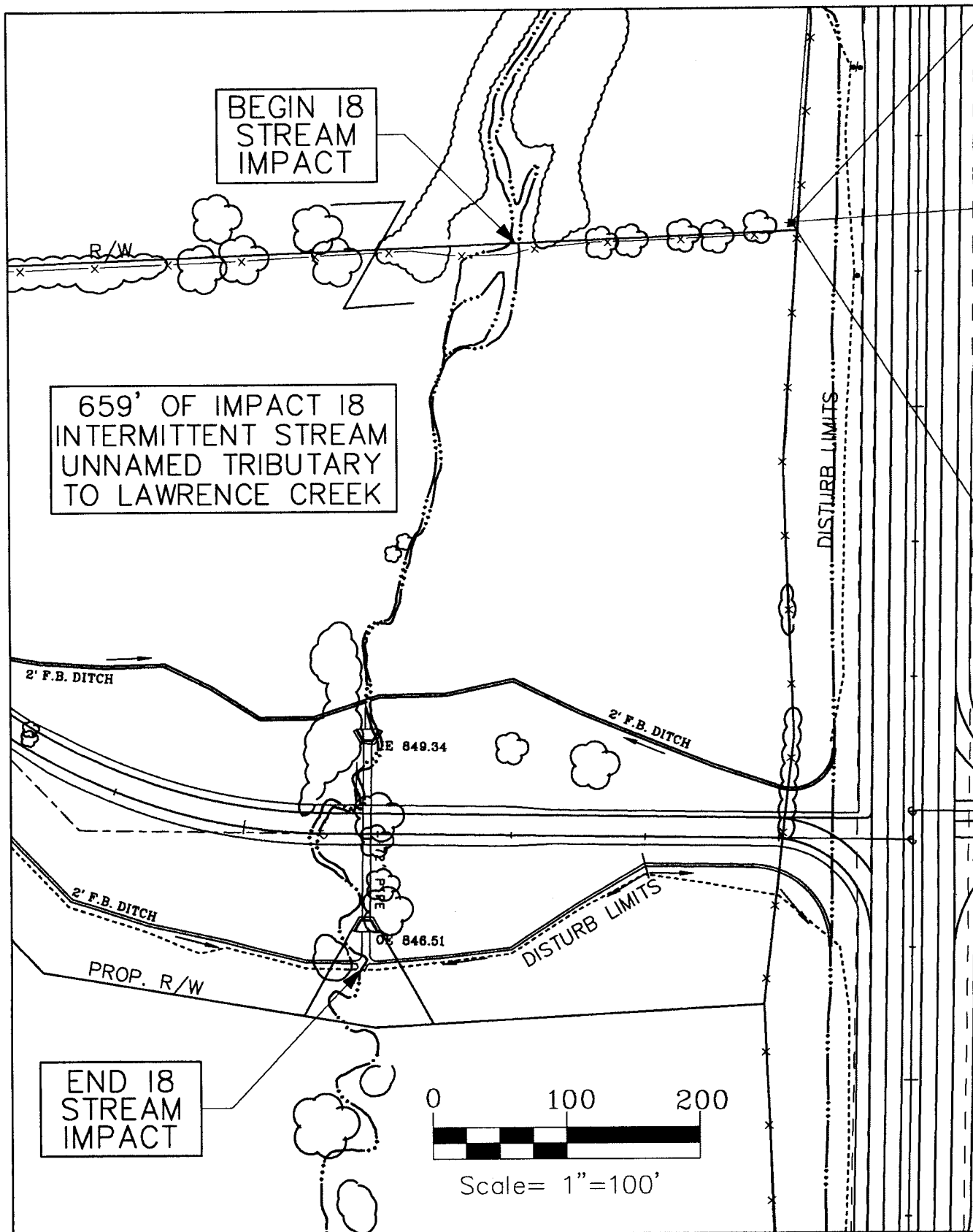
Mitigation

The project will be mitigated by paying into the Kentucky Department of Fish and Wildlife Resources Stream Restoration Fund (in-lieu fee program). In addition mitigation for wetlands will be through the Southshore Wetland Bank in Greenup County. A 2:1 mitigation ratio will be utilized, yielding a 0.390 acre deposit. A summary sheet for expected impacts and associated in-lieu fees is attached. The fees were based on the Rapid Bioassessment Index. The summary indicates the fee per impact site.

Site #	Station Number	Flow Regime	Length (feet)	Impact Acreage	RBP Score	USACE ILF	Drainage Area (acres)	HUC 14	KY DOW ILF
1	Sta. 151+47 E18	Ephemeral	289	0.040	69	\$0.00	10.5	5100101220280	\$0.00
2	Sta. 549+25 I3	Intermittent	126	0.010	122	\$0.00	41.3	5100101220280	\$0.00
3	Sta. 589+00 I5a	Intermittent	430	0.034	57	\$51,600.00	71.3	5090201190010	\$51,600.00
	Sta. 589+00 Ib		306		57	\$36,720.00	77.4	5090201190010	\$36,720.00
4	Sta. 646+20 I6	Intermittent	468	0.032	94	\$56,160.00	125.4	5090201190010	\$56,160.00
5	Sta. 684+40 P4	Perennial	880	0.152	110	\$158,400.00	647.9	5090201190010	\$158,400.00
6	Sta. 701+47 I8a	Intermittent	59	0.010	85	\$0.00	97.5	5090201190010	\$7,080.00
	Sta. 701+47 I8b		90		85	\$0.00	116.7	5090201190010	\$10,800.00
7	Sta. 515+75 to 523+10 P1	Perennial	861	0.119	105	\$154,980.00	326.1	5100101220280	\$154,980.00
8	Sta. 546+20 to 549+75 P1	Perennial	413	0.047	134	\$74,340.00	92.5	5100101220280	\$74,340.00
9	Sta. 549+75 to 561+00 I4	Intermittent	1,275	0.117	100	\$153,000.00	38.8	5100101220280	\$153,000.00
10	Sta. 561+00 to 563+31 E7	Ephemeral	210	0.007	98	\$0.00	12.4	5100101220280	\$0.00
11	Sta. 631+68 to 632+72 P2/P3	Perennial	155	0.021	103	\$0.00	491.8	5090201190010	\$27,900.00
12	Sta. 681+04 to 681+90 E14	Ephemeral	126	0.012	55	\$0.00	20.4	5090201190010	\$0.00
13	Sta. 681+22 to 683+80 I7	Intermittent	343	0.039	65	\$41,160.00	112.2	5090201190010	\$41,160.00
14	Pond 10	Ephemeral	262	0.024	55	\$0.00	20.1	5090201190010	\$0.00
15	Wetland 1	N/A	N/A	0.087	N/A	South Shore Wetland Bank	N/A	5090201190010	\$0.00
Totals			6,293	0.751		\$726,360.00			\$772,140.00

updated 11/6/2009

Impact Sheets



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 45+93 (RAMP A KY-10 & 546) 18

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

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9-124.01

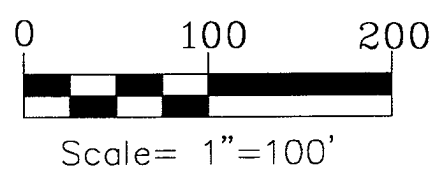
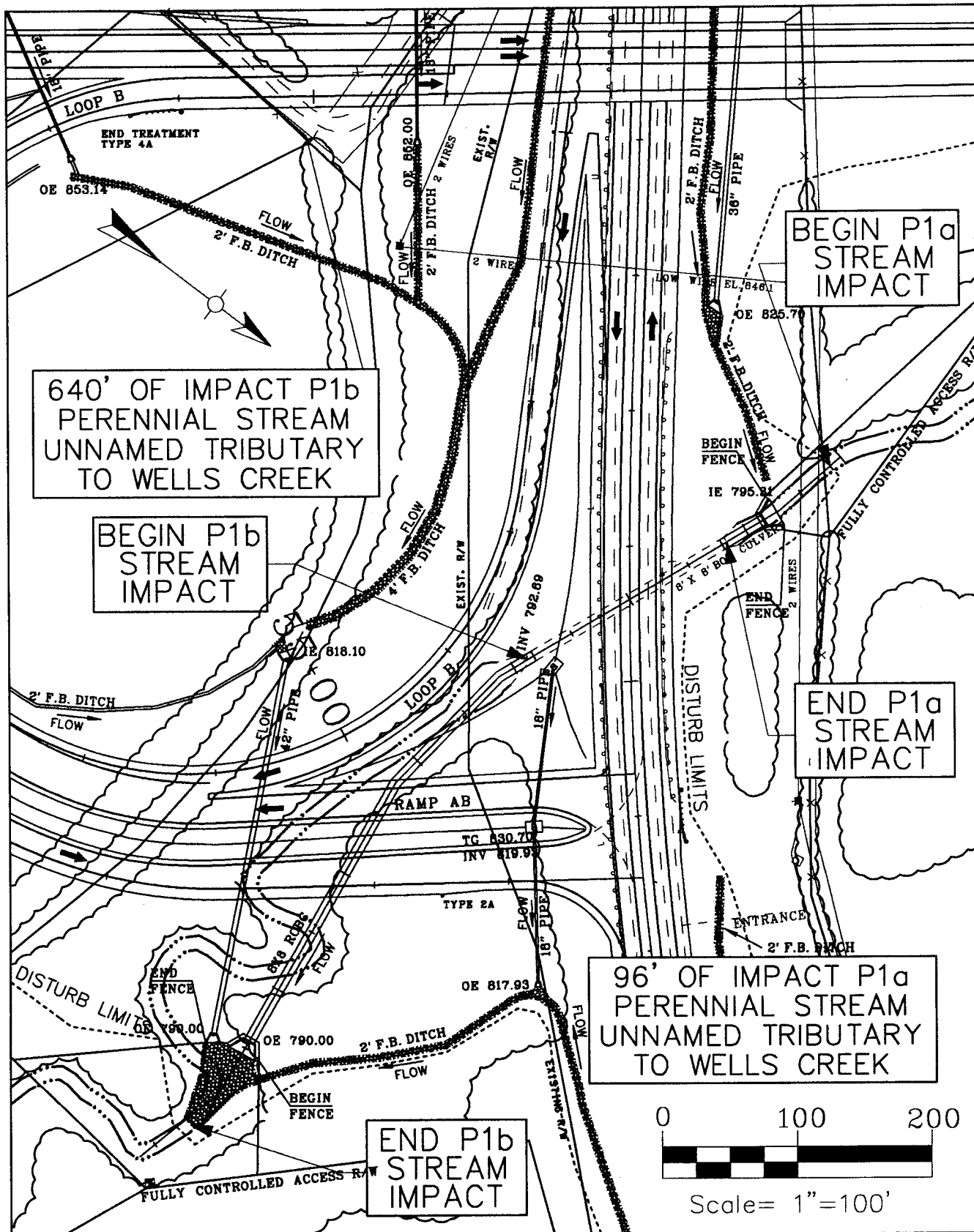
1 of 23

MILE POINT:

ITEM NO.:

SHEET NO.:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

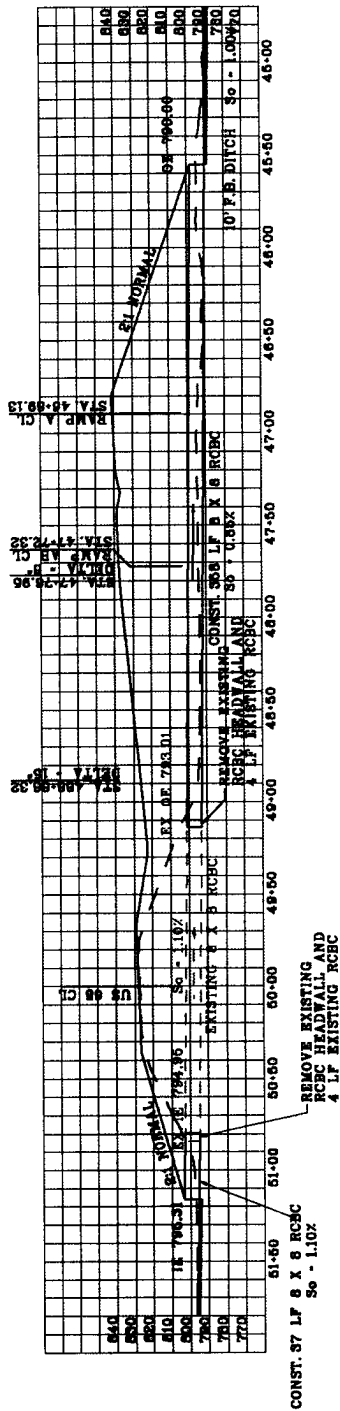
DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 54+40 (EXIST. US 68) P1

PROPOSED ACTIVITIES:	
UT TO WELLS CREEK	MAYSVILLE
STREAM NAME:	AT OR NEAR:
MASON	KENTUCKY
COUNTY OF:	STATE OF:
—	9-124.01
MILE POINT:	ITEM NO.:
	2 of 23

Cell Library
Cell Name:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 54+40

PROPOSED ACTIVITIES:

UT TO WELLS CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

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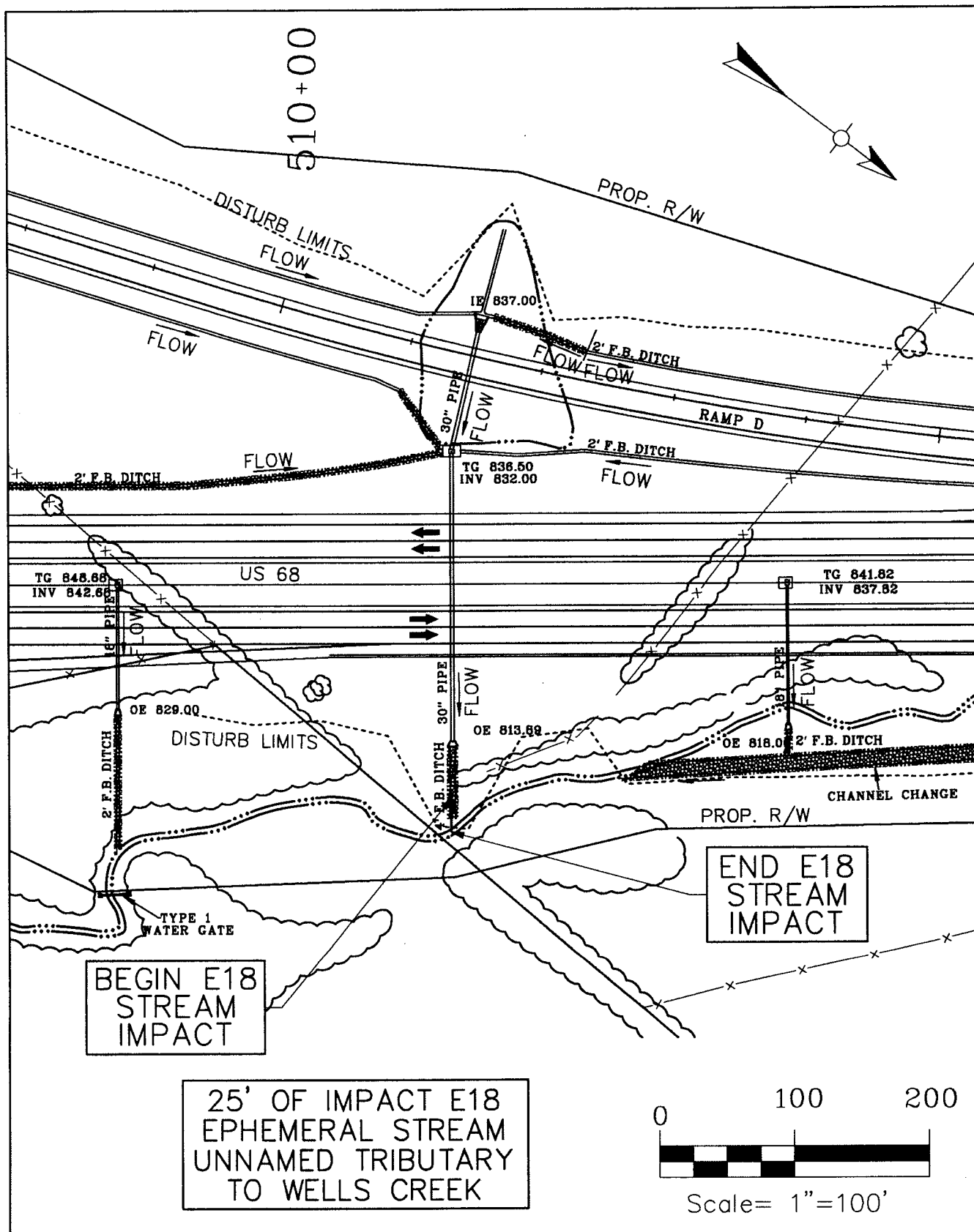
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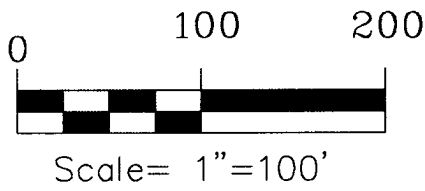
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BEGIN E18
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IMPACT

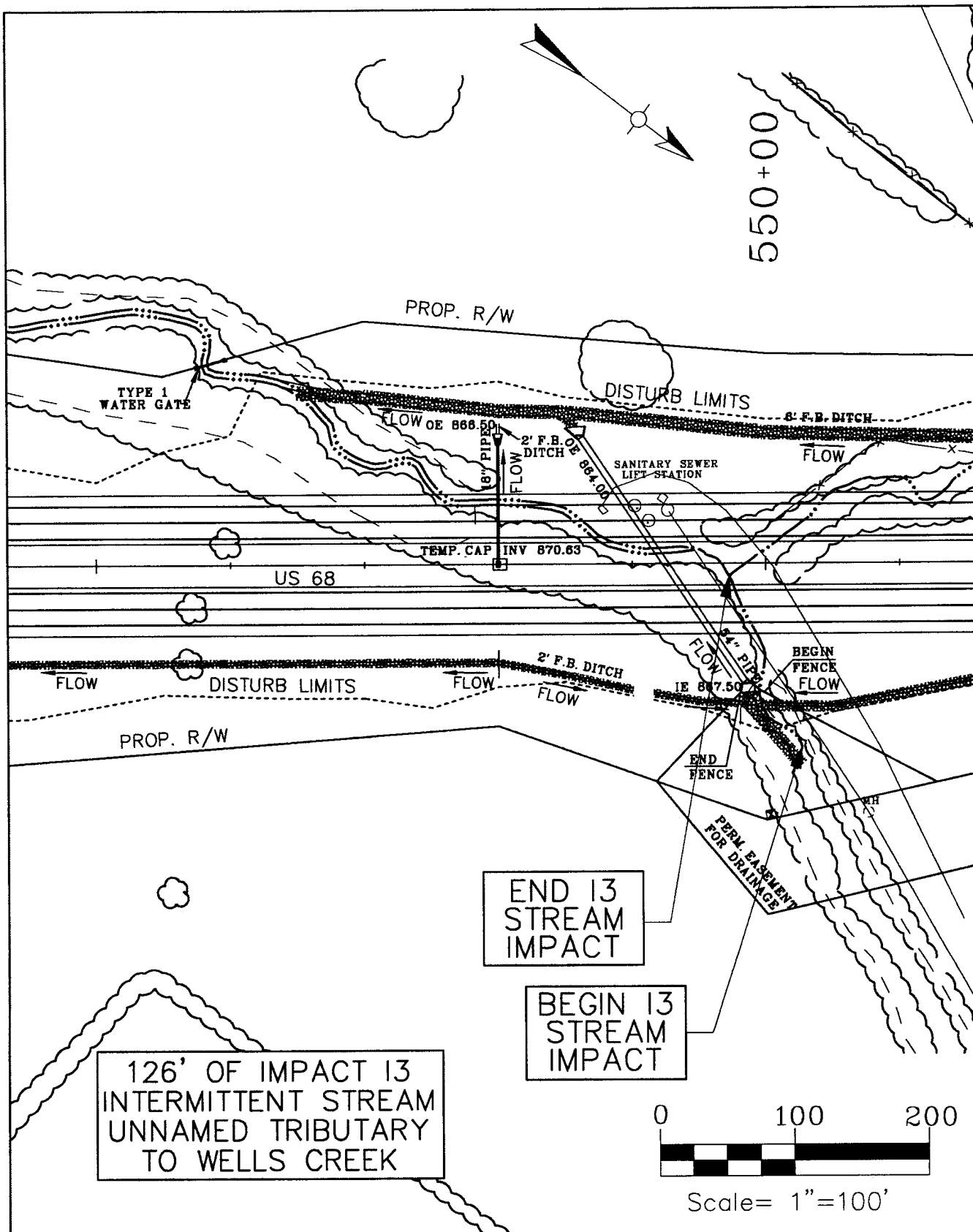
END E18
STREAM
IMPACT

25' OF IMPACT E18
EPHEMERAL STREAM
UNNAMED TRIBUTARY
TO WELLS CREEK

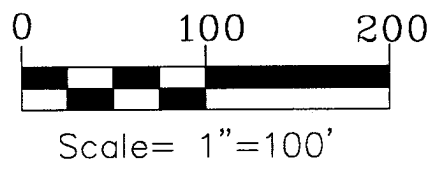


<div>~NOTES~</div> <div>US 68 MASON COUNTY</div> <div>DISTANCES IN FEET OR AS NOTED</div>	<div>APPLICATION BY</div> <div>KENTUCKY TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS</div> <div>DIVISION OF ENVIRONMENTAL ANALYSIS</div>	STATION 510+46 E18		
		PROPOSED ACTIVITIES:		
		UT TO WELLS CREEK	MAYSVILLE	
		STREAM NAME:	AT OR NEAR:	
		MASON	KENTUCKY	
		COUNTY OF:	STATE OF:	
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126' OF IMPACT 13
INTERMITTENT STREAM
UNNAMED TRIBUTARY
TO WELLS CREEK



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

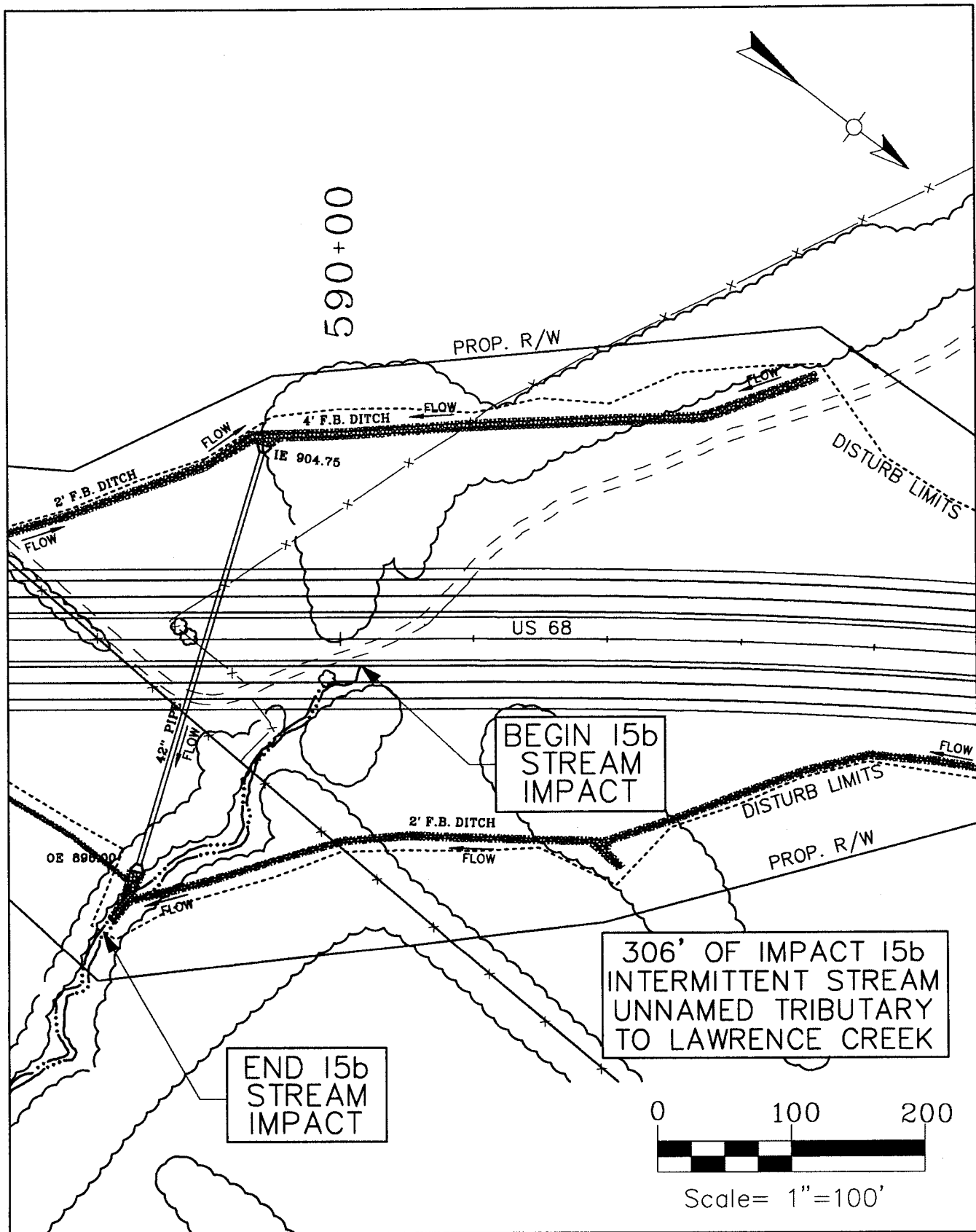
DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 549+75 13

PROPOSED ACTIVITIES:		
UT TO WELLS CREEK		MAYSVILLE
STREAM NAME:		AT OR NEAR:
MASON		KENTUCKY
COUNTY OF:		STATE OF:
-		9-124.01
MILE POINT:		ITEM NO.:
		SHEET NO.:

DATE: 01/06

Cell Library
Cell Name:



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 589+00 15

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

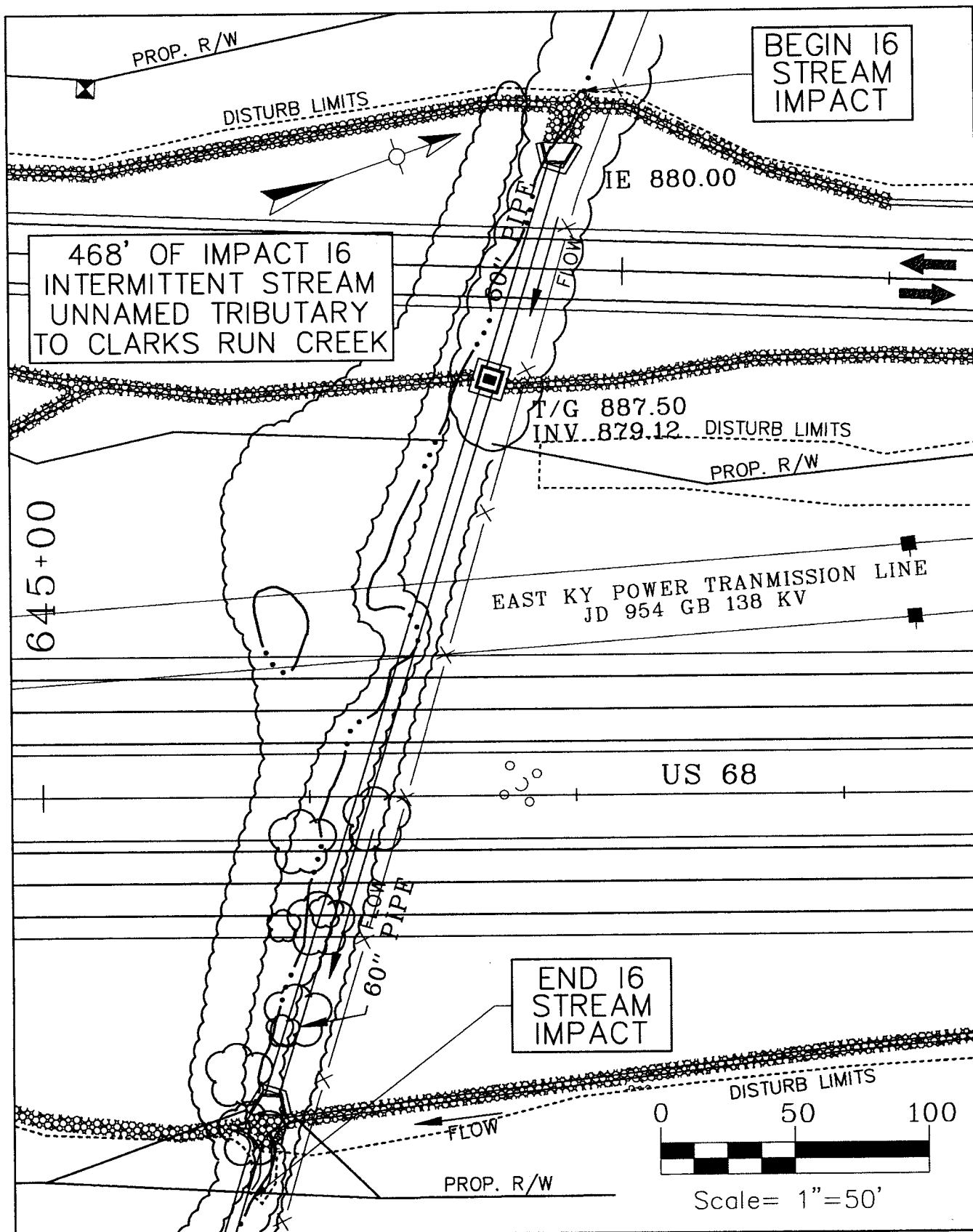
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MILE POINT:

ITEM NO.:

SHEET NO.:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 646+20 I6

PROPOSED ACTIVITIES:

UT TO CLARKS
RUN CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

-

9-124.01

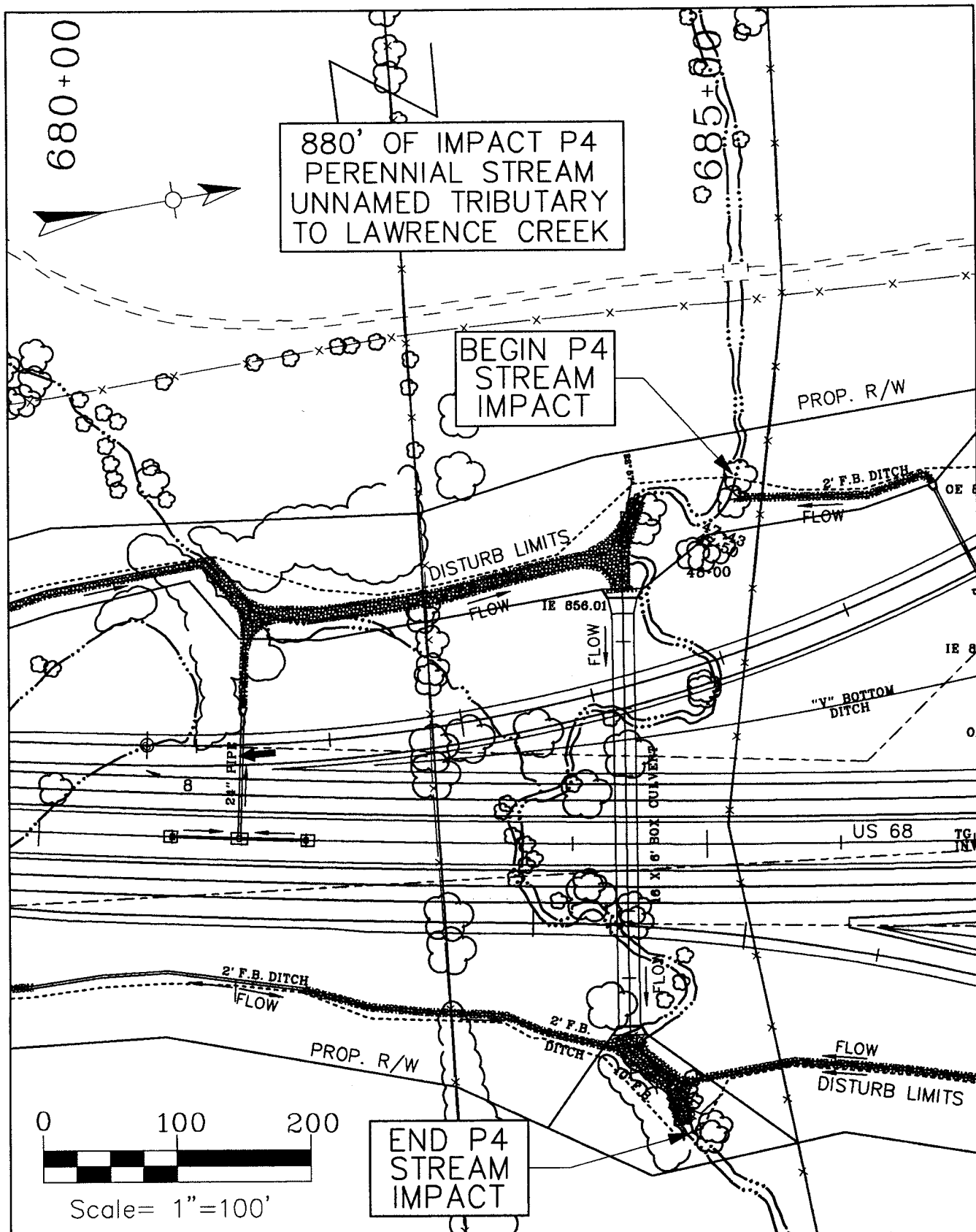
7 of 23

MILE POINT:

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SHEET NO.:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 684+40 P4

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

STREAM NAME:

MASON

COUNTY OF:

MILE POINT:

MAYSVILLE

AT OR NEAR:

KENTUCKY

STATE OF:

9-124.01

ITEM NO.:

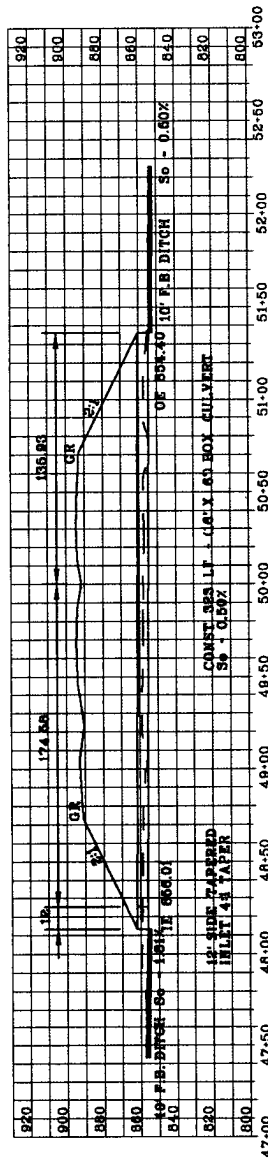
8 of 23

SHEET NO.:

DATE: 01/06

DESIGN PI LEVEL	MAX COVER HEIGHT (FT)
M	33.47

FLOOD DATA			
STORM RUNOFF HEADWATER			
DESIGN CHECK	DESIGN 100	DESIGN 100	DESIGN 100
780	780	780	780
1082	1082	1082	1082
801.70	801.70	801.70	801.70
804.18	804.18	804.18	804.18



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 684+40

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

-

9-124.01

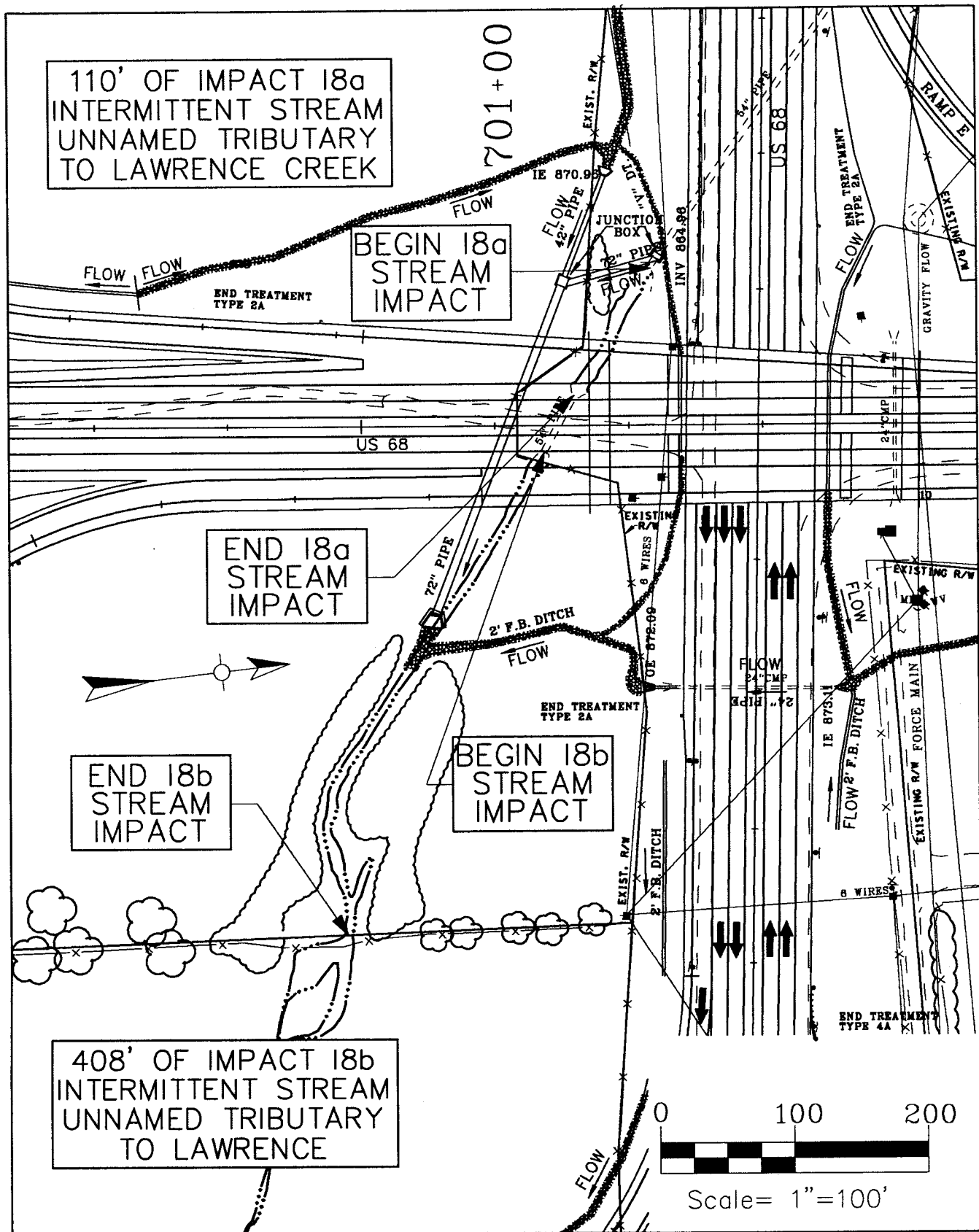
9 of 23

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DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 701+00 18

PROPOSED ACTIVITIES:

UT TO LAWRENCE

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

MILE POINT:

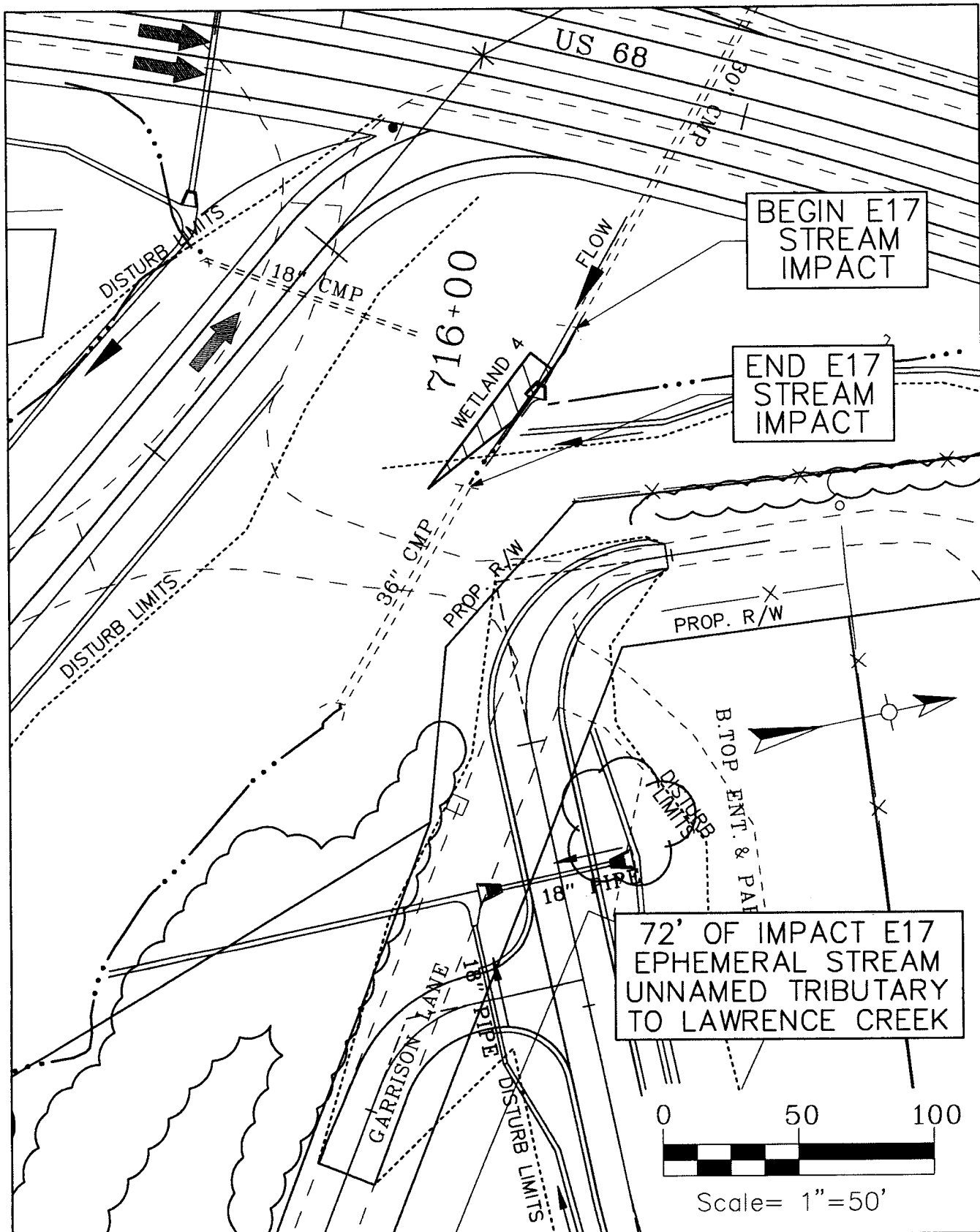
9-124.01

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SHEET NO.:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 716+84 E17

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

STREAM NAME:

MASON

COUNTY OF:

-

MAYSVILLE

AT OR NEAR:

KENTUCKY

STATE OF:

9-124.01

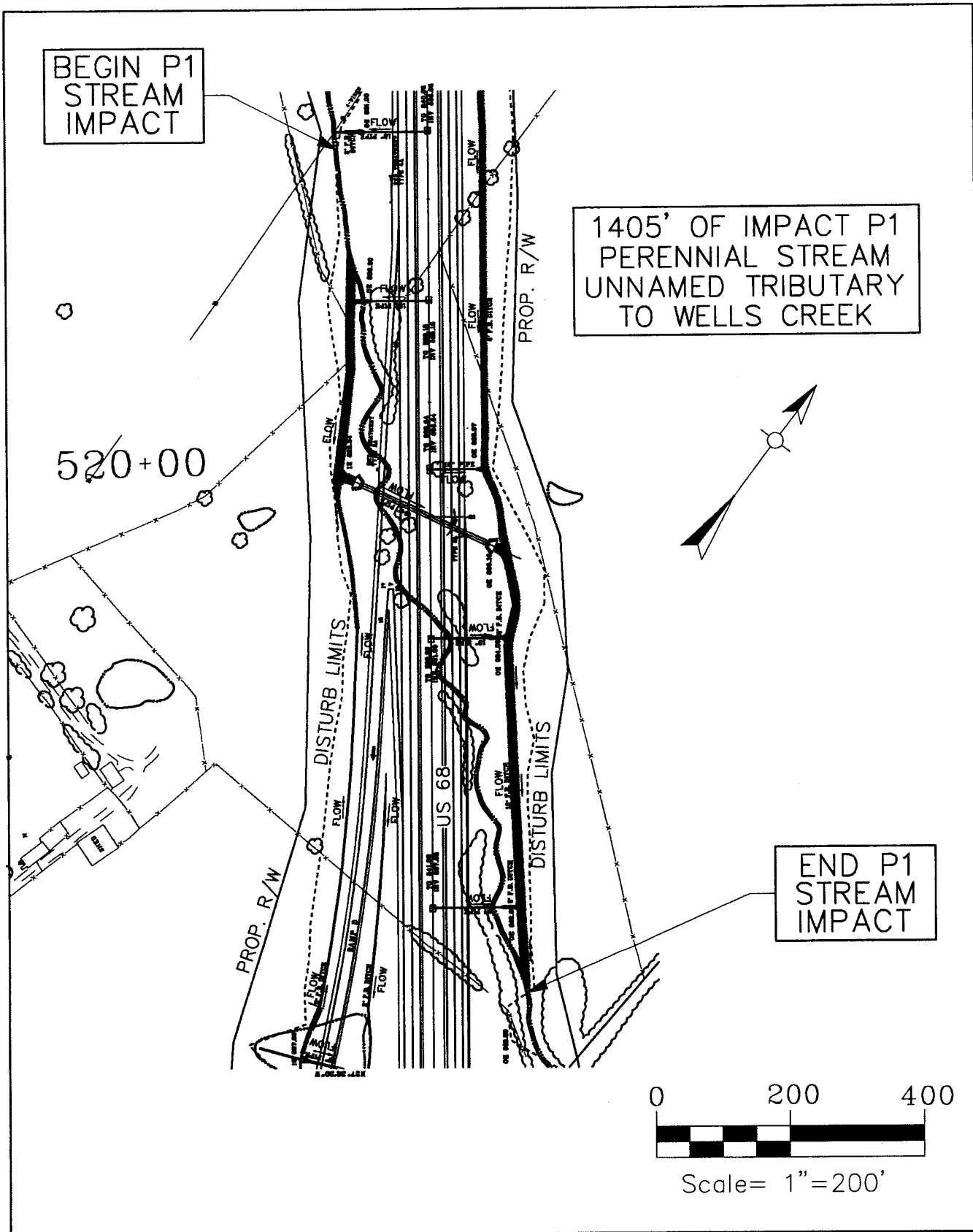
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SHEET NO.:

DATE: 01/08



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 512+20 TO 524+73 P1

PROPOSED ACTIVITIES:

UT TO WELLS CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

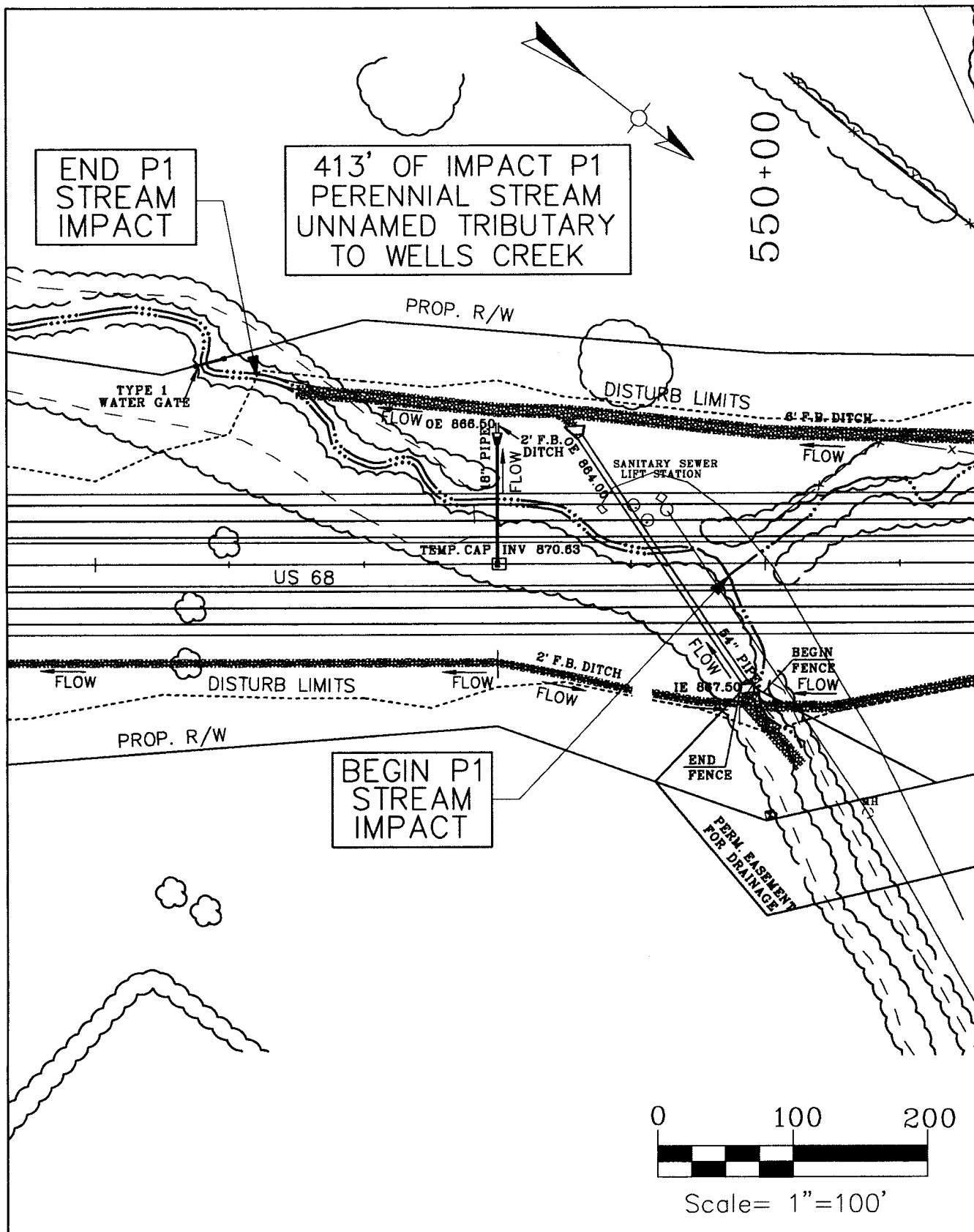
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SHEET NO.:

DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 546+20 TO 549+75 P1

PROPOSED ACTIVITIES:

UT TO WELLS CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

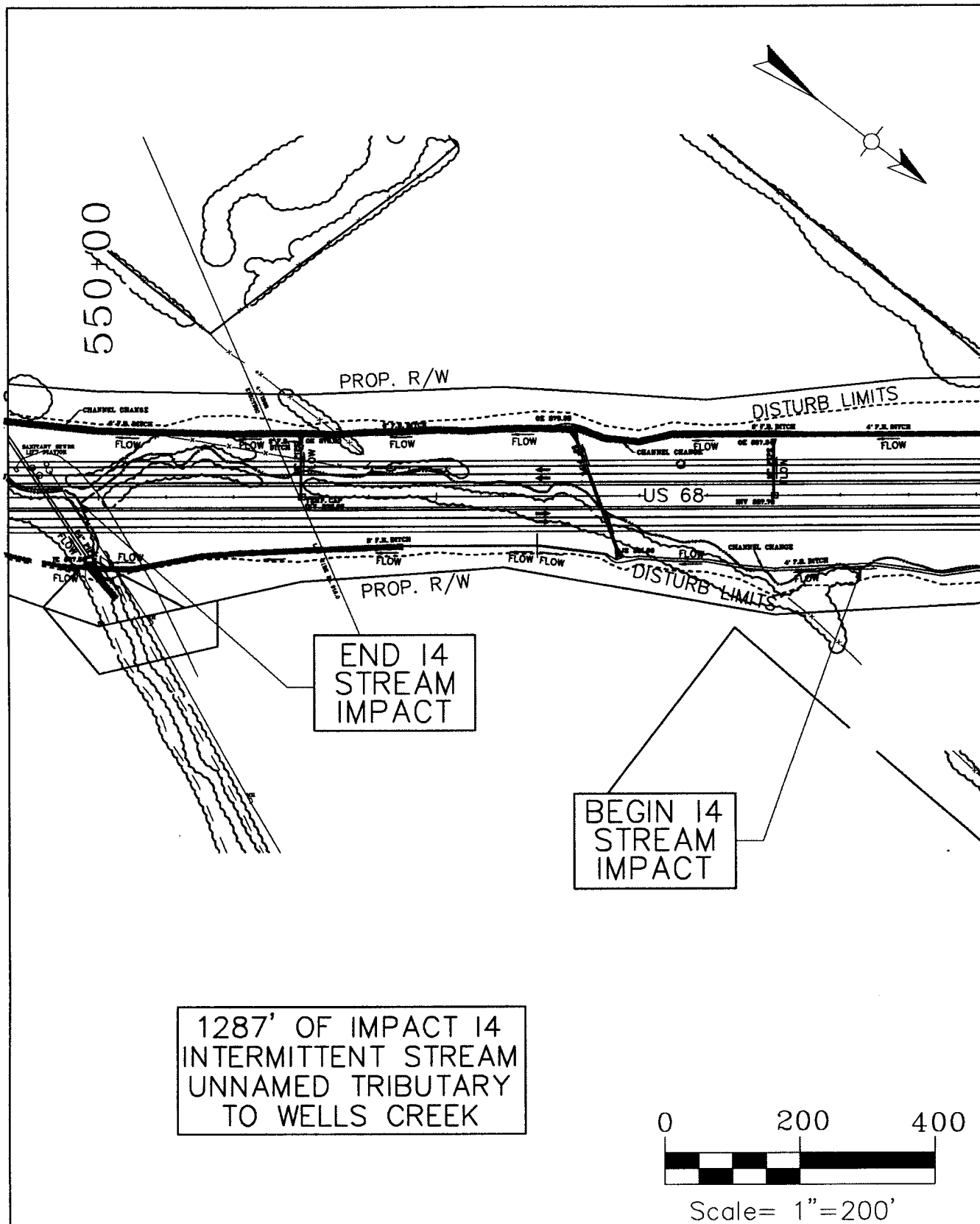
13 of 23

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~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 549+75 TO 561+00 I4

PROPOSED ACTIVITIES:

UT TO WELLS CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

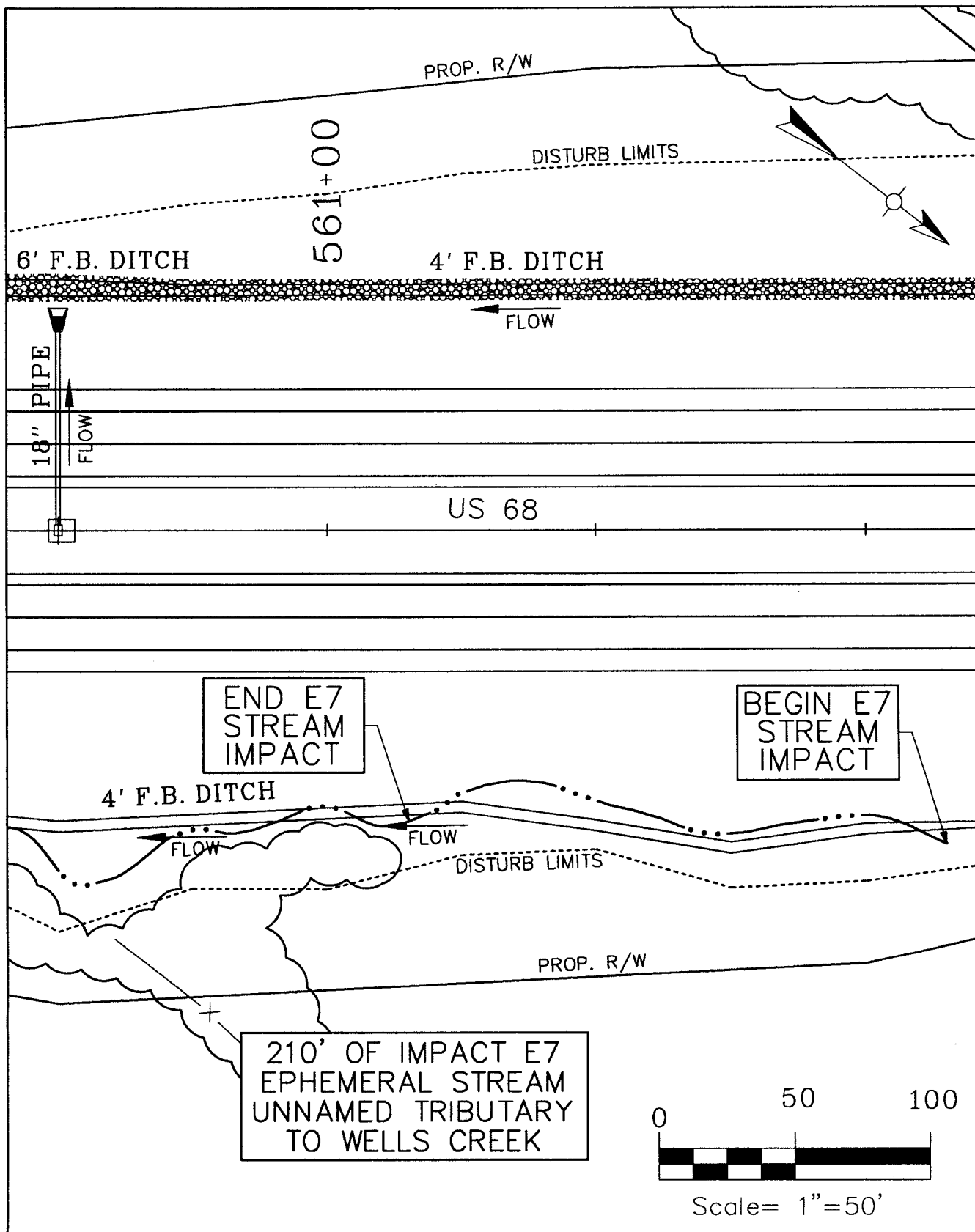
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SHEET NO.:

DATE: 01/08



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 561+00 TO 563+31 E7

PROPOSED ACTIVITIES:

UT TO WELLS CREEK

STREAM NAME:

MASON

COUNTY OF:

-

MILE POINT:

MAYSVILLE

AT OR NEAR:

KENTUCKY

STATE OF:

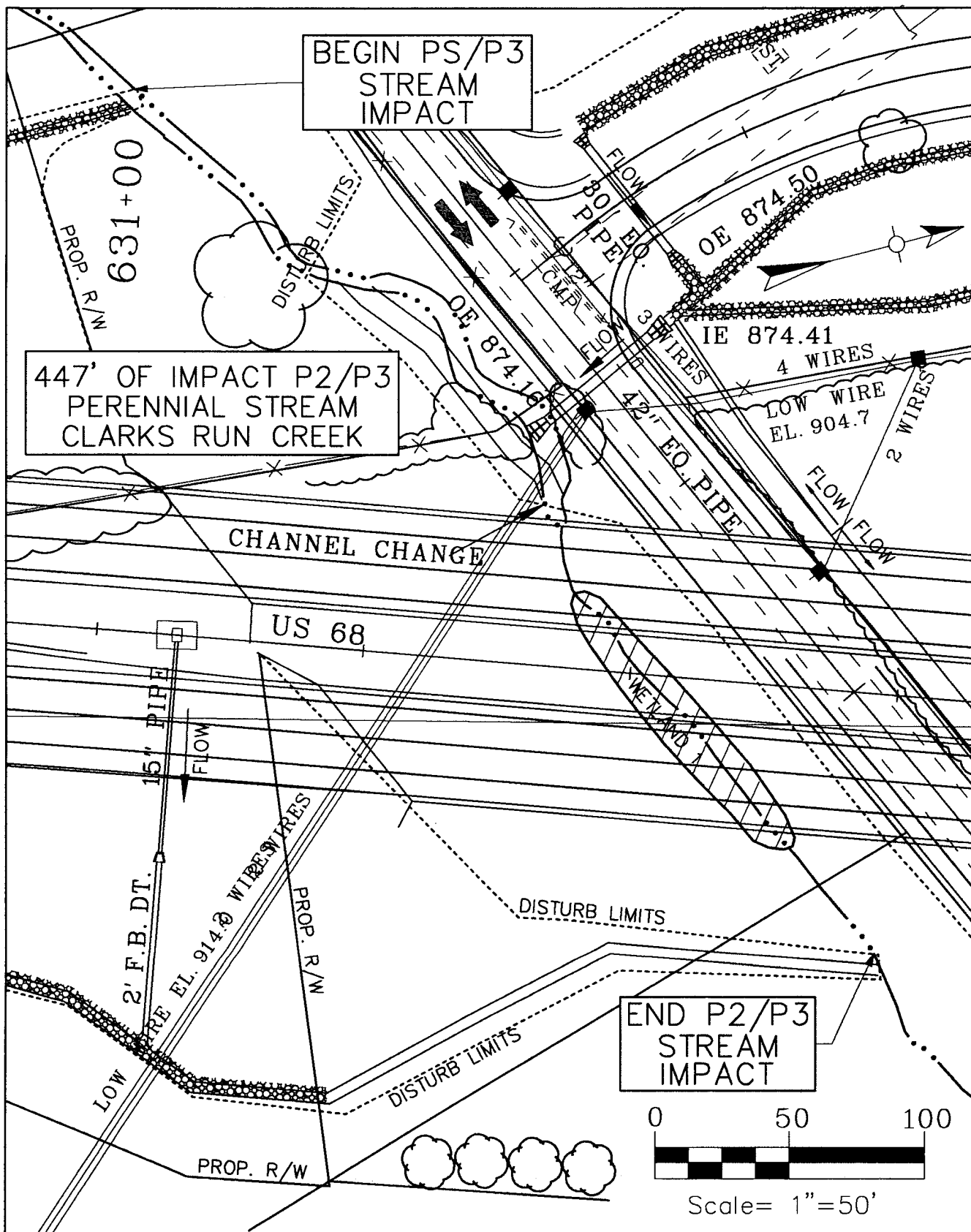
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~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 631+68 TO 632+72 P2/P3

PROPOSED ACTIVITIES:

CLARKS RUN CREEK

STREAM NAME:

MASON

COUNTY OF:

—

MILE POINT:

MAYSVILLE

AT OR NEAR:

KENTUCKY

STATE OF:

9-124.01

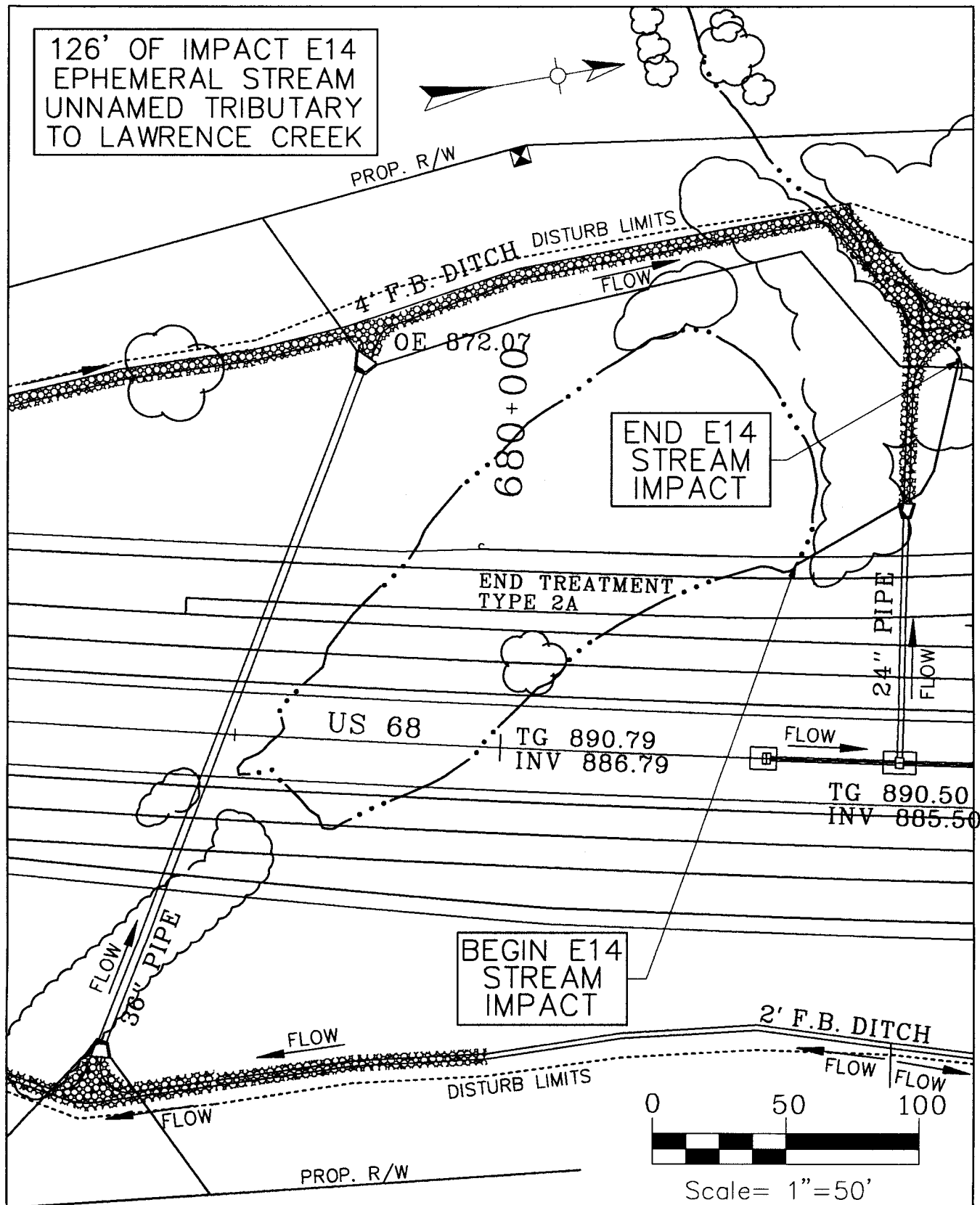
ITEM NO.:

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SHEET NO.:

DATE: 01/06

126' OF IMPACT E14
EPHEMERAL STREAM
UNNAMED TRIBUTARY
TO LAWRENCE CREEK



Scale = 1" = 50'

~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 681+04 TO 681+90 E14

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

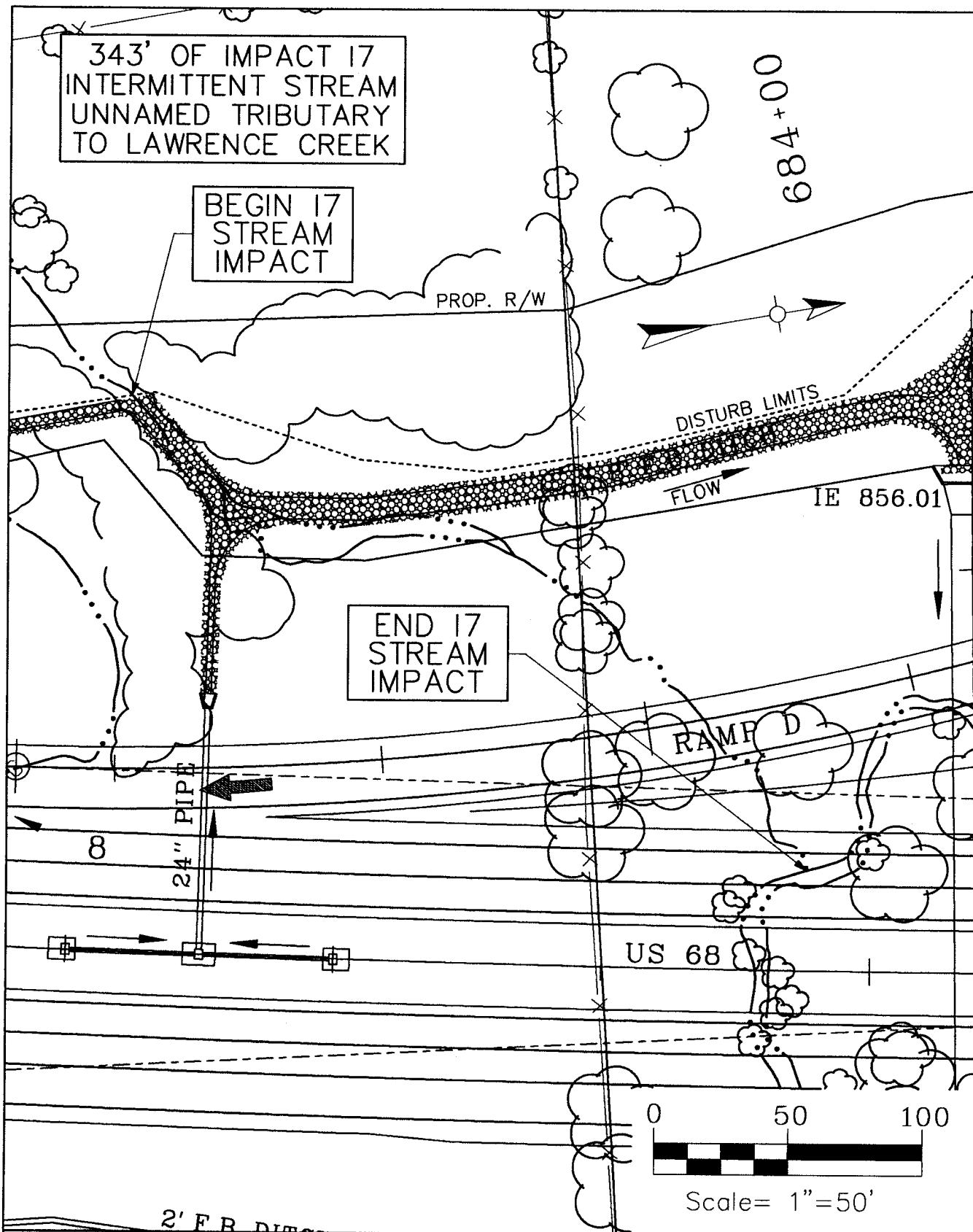
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~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 681+22 TO 683+80 17

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

-

9-124.01

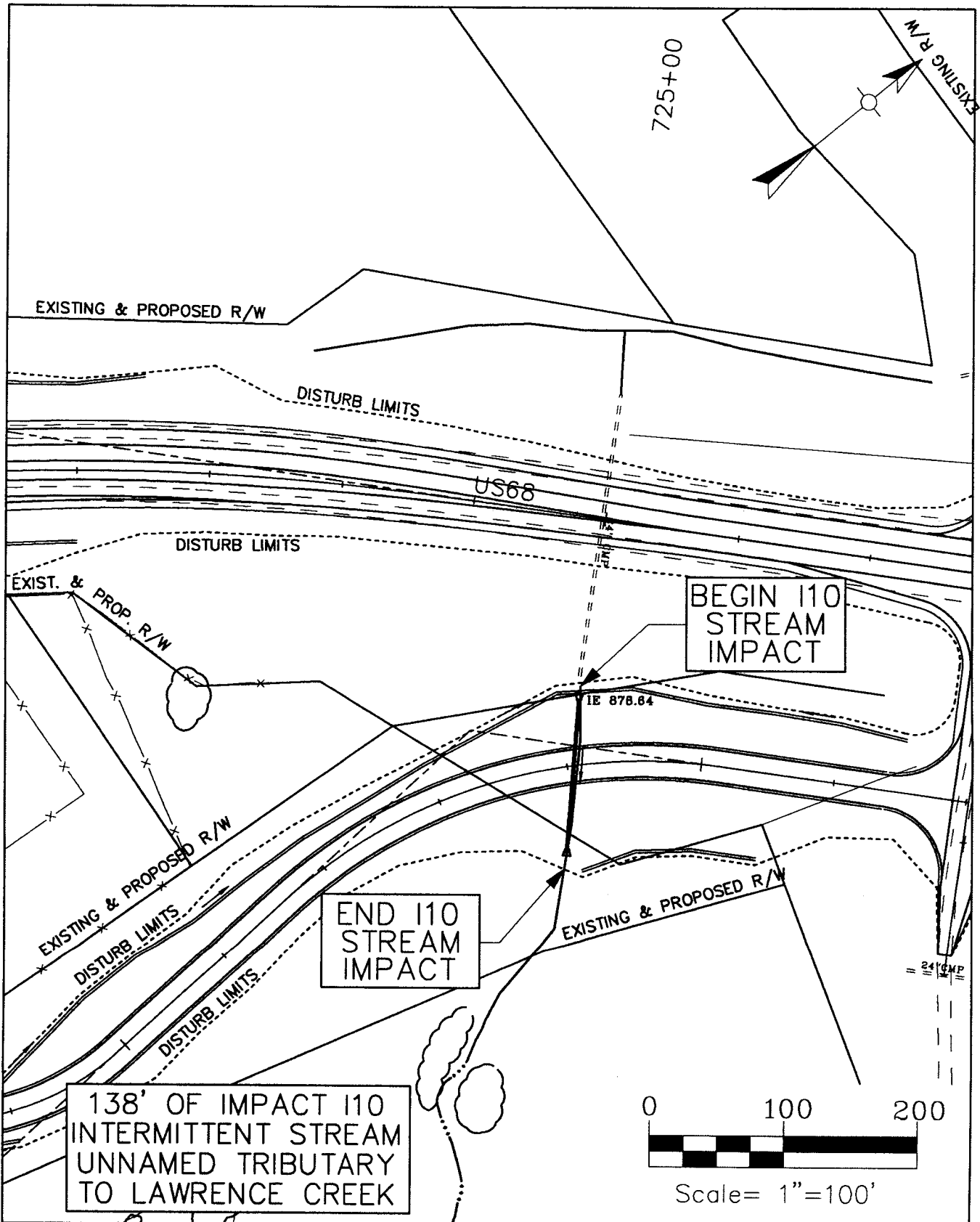
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~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

STATION 725+88 TO 725+95 I10

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

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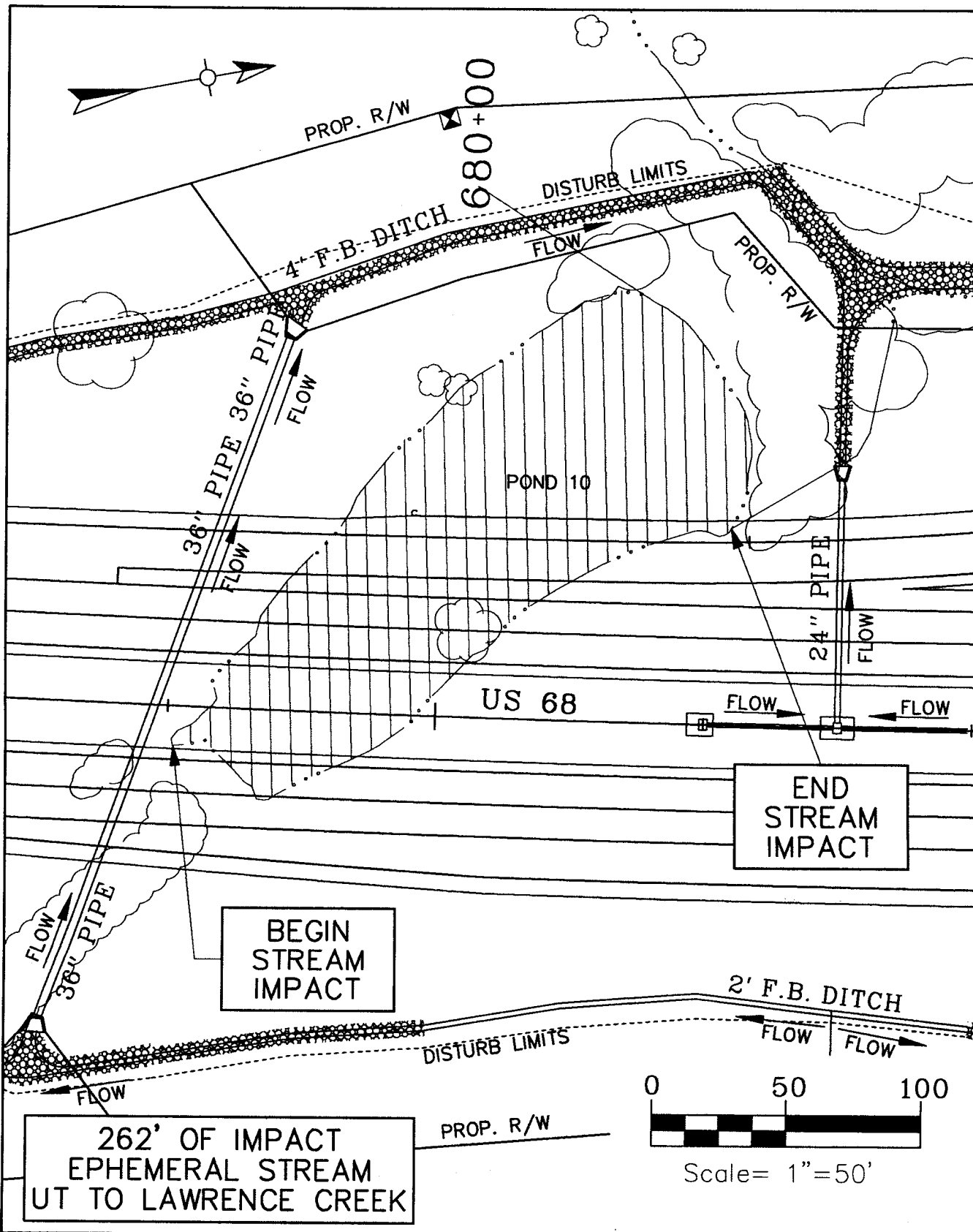
MILE POINT:

ITEM NO.:

SHEET NO.:

DATE: 01/06

Cell Name:



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

POND 10

PROPOSED ACTIVITIES:

UT TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

-

9-124.01

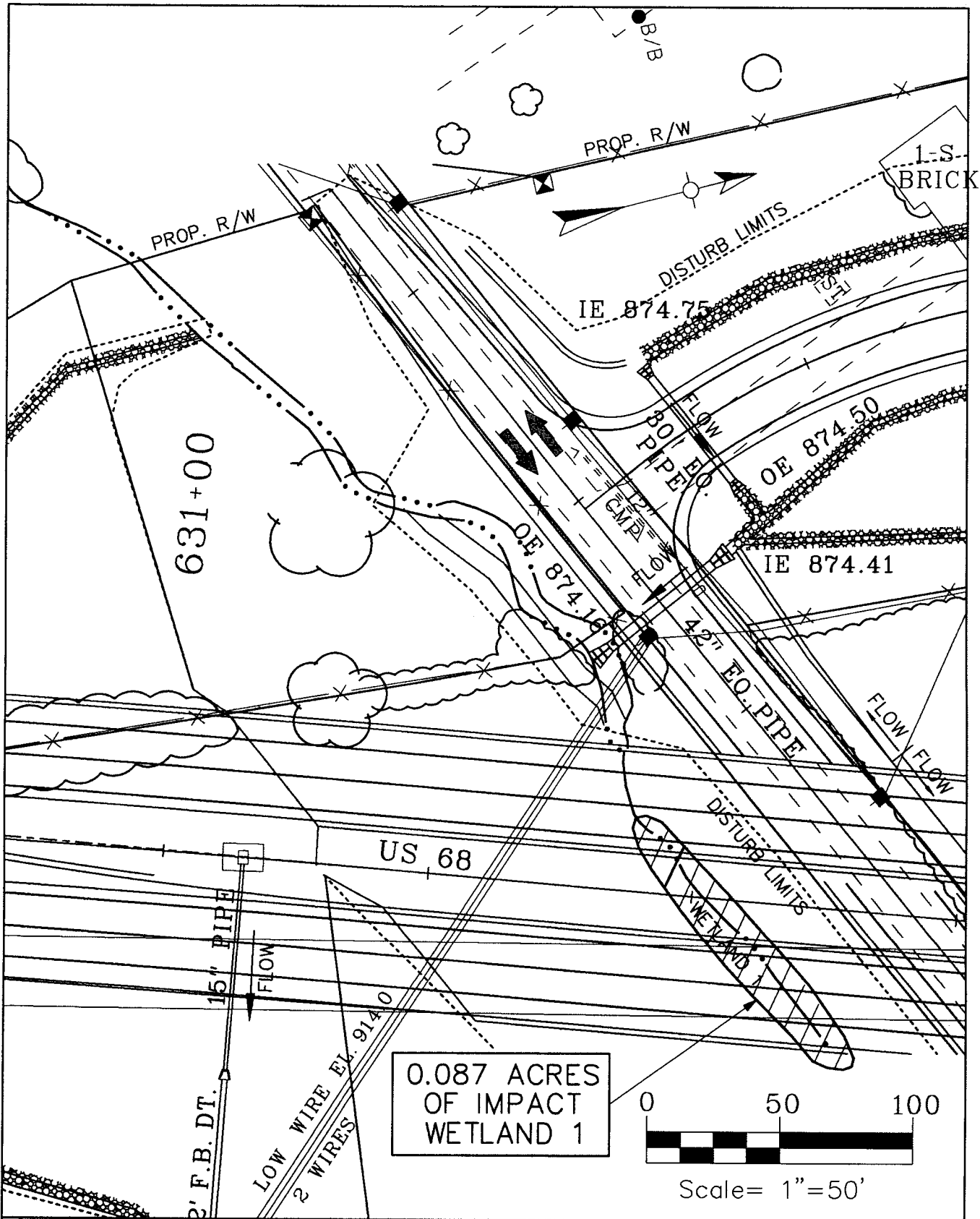
20 of 23

MILE POINT:

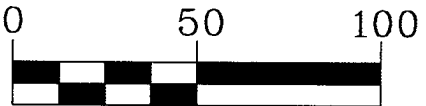
ITEM NO.:

SHEET NO.:

DATE: 01/06



0.087 ACRES
OF IMPACT
WETLAND 1



Scale = 1" = 50'

~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

WETLAND 1

PROPOSED ACTIVITIES:

CLARKS RUN CREEK
STREAM NAME:

MAYSVILLE

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

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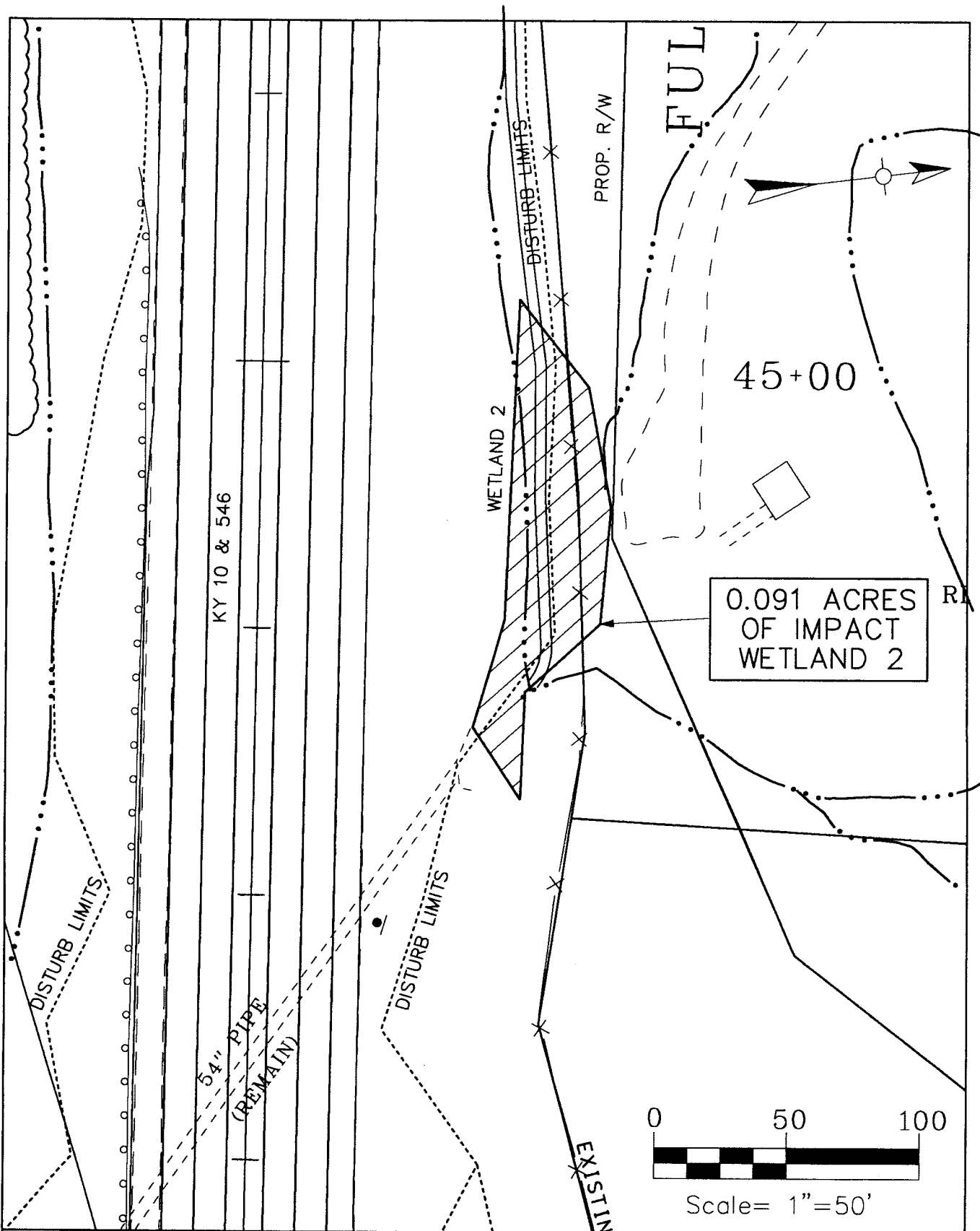
MILE POINT:

ITEM NO.:

SHEET NO.:

DATE: 01/06

Call Library:
Call Name:



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
OR AS NOTED

APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

WETLAND 2

PROPOSED ACTIVITIES:

FLOWS INTO UT
TO LAWRENCE CREEK

STREAM NAME:

MASON

COUNTY OF:

—

MILE POINT:

MAYSVILLE

AT OR NEAR:

KENTUCKY

STATE OF:

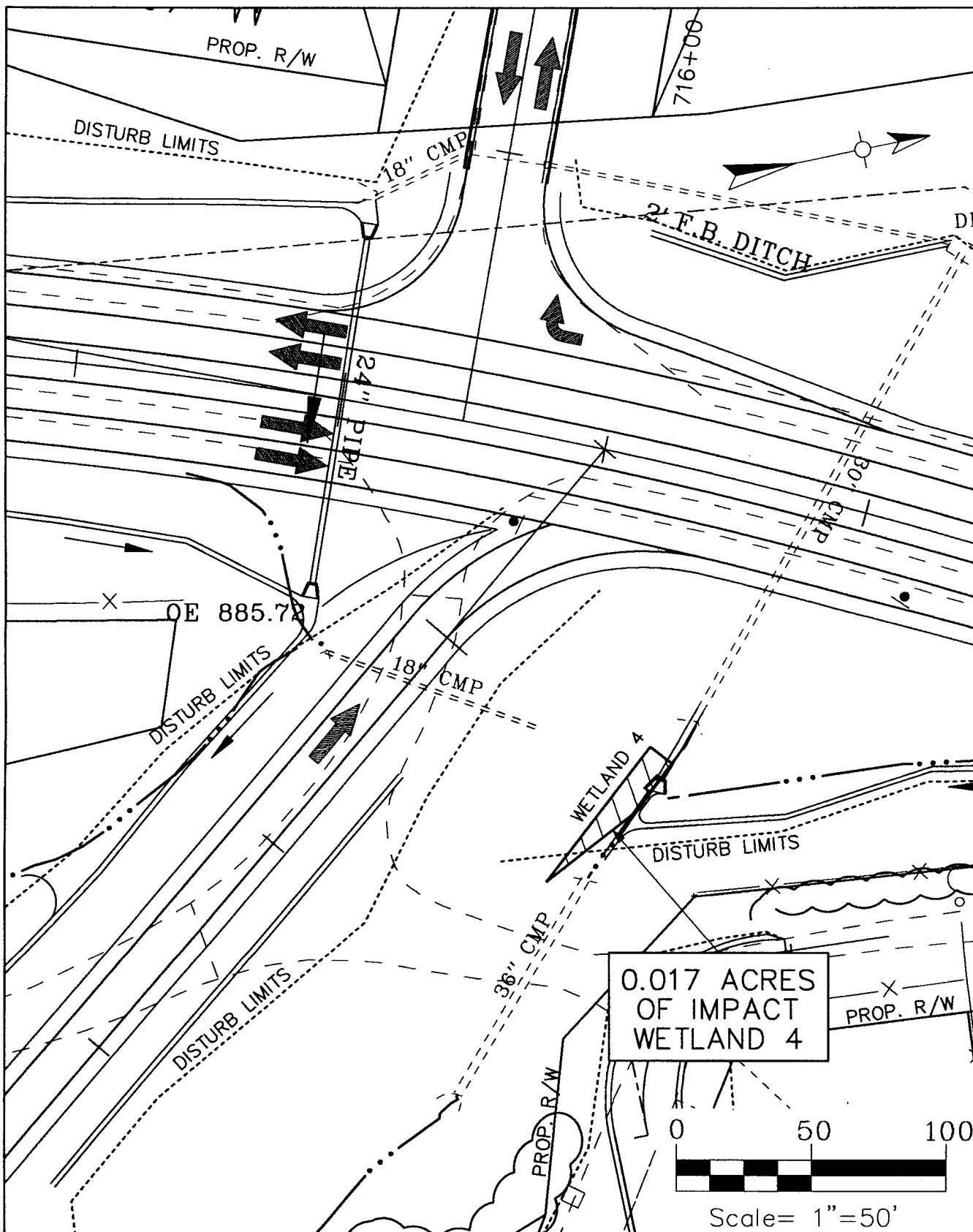
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DATE: 01/06



~NOTES~

US 68
MASON COUNTY

DISTANCES IN FEET
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APPLICATION BY

KENTUCKY
TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

DIVISION OF
ENVIRONMENTAL ANALYSIS

WETLAND 4

PROPOSED ACTIVITIES:

FLOWS INTO UT
TO LAWRENCE CREEK

MAYSVILLE

STREAM NAME:

AT OR NEAR:

MASON

KENTUCKY

COUNTY OF:

STATE OF:

—

9-124.01

23 of 23

MILE POINT:

ITEM NO.:

SHEET NO.:

DATE: 01/06